Claims:

1. Locking unit for the locking of the movement of a piston which can be impinged with pressure, an electromagnet being provided the armature, respectively the armature bar, of which acts directly or indirectly on an operating element which co-operates with a catching element in such a way that in a locking position the catching element blocks, respectively in an unlocking position the catching element releases, the movement of the piston, **characterised in that** catching element (6) and operating element (5) co-operate surface to surface.

2. Locking unit according to claim 1, **characterised in that** the catching element (6) has a shoulder, collar, projection or a holding nozzle which co-operates with an operating element (5) designed as a hook, catch, projection or shoulder.

3. Locking unit according to claim 1, **characterised in that** the operating element (5) can move flexibly.

4. Locking unit according to claim 1, **characterised in that** the operating element (5) can move elastically, respectively is under prestress, and the operating element (5) moves, respectively holds, the catching element (6) against the prestress power resulting from that either in the locking position or in the unlocking position.

5. Locking unit according to claim 1, **characterised in that** a tension spring (7) acts upon the operating element (5) and/or the operating element (5) consists of elastic material.

6. Locking unit according to claim 1, **characterised in that** the operating element (5) is forced guided by the movement of the armature (3), respectively the armature bar (4).

7. Locking unit according to claim 1, **characterised in that** the operating element (5) is held in the locking position because of a prestress power and the movement of the armature (3), respectively the armature bar (4), acts on the operating element in such a way that the piston (2) is unlocked.

8. Locking unit according to claim 1, **characterised in that** the operating element (5) is held in the unlocking position because of a prestress power and the movement of the armature (3), respectively the armature bar (4), locks the piston (2).

9. Locking unit according to claim 1, **characterised in that** the electromagnet has a coil (8) through which the current flows and the armature (3), respectively the armature bar (4), moves against the power of a spring (12).

10. Locking unit according to claim 1, wherein the locking position is characterised by a coil (8) of the electromagnet through which the current flows.

11. Locking unit according to claim 1, wherein the unlocking position is characterised by a coil (8) of the electromagnet through which the current flows.

12. Locking unit according to claim 1, **characterised in that** on the armature (3), respectively on the armature bar (4), a bolt (11) is provided and the bolt (11) acts through the movement of the armature (3) on the operating element (5).

13. Locking unit according to claim 1, **characterised in that** on the armature (3), respectively the armature bar (4), a bolt (11) is provided on which at least one bevelling, in particular a tapered bevelling, is provided in order to co-operate with the operating element (5).

14. Locking unit according to claim 1, **characterised in that** the operating element (5) is moved together with the movement of the armature and at least one further moving means is provided which acts on the operating element (5) when the operating element is moved.

15. Locking unit according to claim 1, **characterised in that** the piston (2) carries the catching element (6).

16. Locking unit according to claim 1, **characterised in that** the piston (2) carries the operating element (5).

17. Locking unit according to claim 1, **characterised in that** the catching element (6) is formed by a collar or projection provided on the piston (2).

18. Locking unit according to claim 1, **characterised in that** the catching element (6) is formed by a shoulder, projection or flange provided in a sleeve.

19. Locking unit according to claim 1, **characterised in that** the operating element is designed as a movable component.

20. Locking unit according to claim 1, **characterised in that** the operating element (5) is designed like a hook or a catch.

21. Locking unit according to claim 1, **characterised in that** the catching element is designed flexibly.

22. Locking unit according to claim 1, **characterised in that** the operating element (5) co-operates with the catching element (6) from the outside.

23. Locking unit according to claim 1, **characterised in that** the operating element (5) co-operates with the catching element (6) from the inside.

24. Locking unit according to claim 1, **characterised in that** the armature bar (4) sits close on the piston (2) in the locking position supported by a spring.

25. Locking unit according to claim 1, **characterised in that** the piston (2) carries an absorbing spring (14) as longitudinal tolerance balance.

26. Locking unit according to claim 1, **characterised in that** the piston with catching element (6) is designed as lathe work.

27. Locking unit according to claim 1, **characterised in that** the operating element (5) is designed as synthetic or punching bent component.

28. Locking unit according to claim 1, **characterised in that** the piston (2) impinged with pressure is held in the locking position by the operating element (5) as the coil (8) flown through by current of the electromagnet attracts the armature (3) in such a way that the operating element (5) co-operates with the catching element (6) in a holding way.